

The diagram illustrates a card payment system architecture with the following components and connections:

- 10 CUSTOMER CHECKOUT ACCELERATOR**: A central processing unit that receives input from the **20 CARD READER** and the **50 PRE-APPROVAL DATABASE**. It sends data to the **60 CUSTOMER CHECKOUT ACCELERATOR SERVER APP** and the **30 TERMINAL SALES APPLICATION**.
- 20 CARD READER**: A hardware component that provides input to the **10 CUSTOMER CHECKOUT ACCELERATOR**.
- 30 TERMINAL SALES APPLICATION**: A software application that receives data from the **10 CUSTOMER CHECKOUT ACCELERATOR** and the **60 CUSTOMER CHECKOUT ACCELERATOR SERVER APP**. It is connected to the **40 JAVA CUSTOMER GUI** and the **80** (represented by a document icon).
- 40 JAVA CUSTOMER GUI**: A graphical user interface that interacts with the **30 TERMINAL SALES APPLICATION**.
- 50 PRE-APPROVAL DATABASE**: A database component that provides data to the **10 CUSTOMER CHECKOUT ACCELERATOR** and the **60 CUSTOMER CHECKOUT ACCELERATOR SERVER APP**.
- 60 CUSTOMER CHECKOUT ACCELERATOR SERVER APP**: A server application that receives data from the **10 CUSTOMER CHECKOUT ACCELERATOR** and the **50 PRE-APPROVAL DATABASE**. It sends data to the **30 TERMINAL SALES APPLICATION** and the **70 CARD SERVICES APPROVAL APPLICATION**.
- 70 CARD SERVICES APPROVAL APPLICATION**: An external application that receives data from the **60 CUSTOMER CHECKOUT ACCELERATOR SERVER APP**.

```
graph TD; 10[10 CUSTOMER CHECKOUT ACCELERATOR] <--> 30[30 TERMINAL SALES APPLICATION]; 10 --> 60[60 CUSTOMER CHECKOUT ACCELERATOR SERVER APP]; 10 --> 50[(50 PRE-APPROVAL DATABASE)]; 20[20 CARD READER] --> 10; 50 --> 60; 60 --> 30; 60 --> 70[70 CARD SERVICES APPROVAL APPLICATION]; 30 --> 40[40 JAVA CUSTOMER GUI]; 30 --> 80[80];
```

000000-56122900

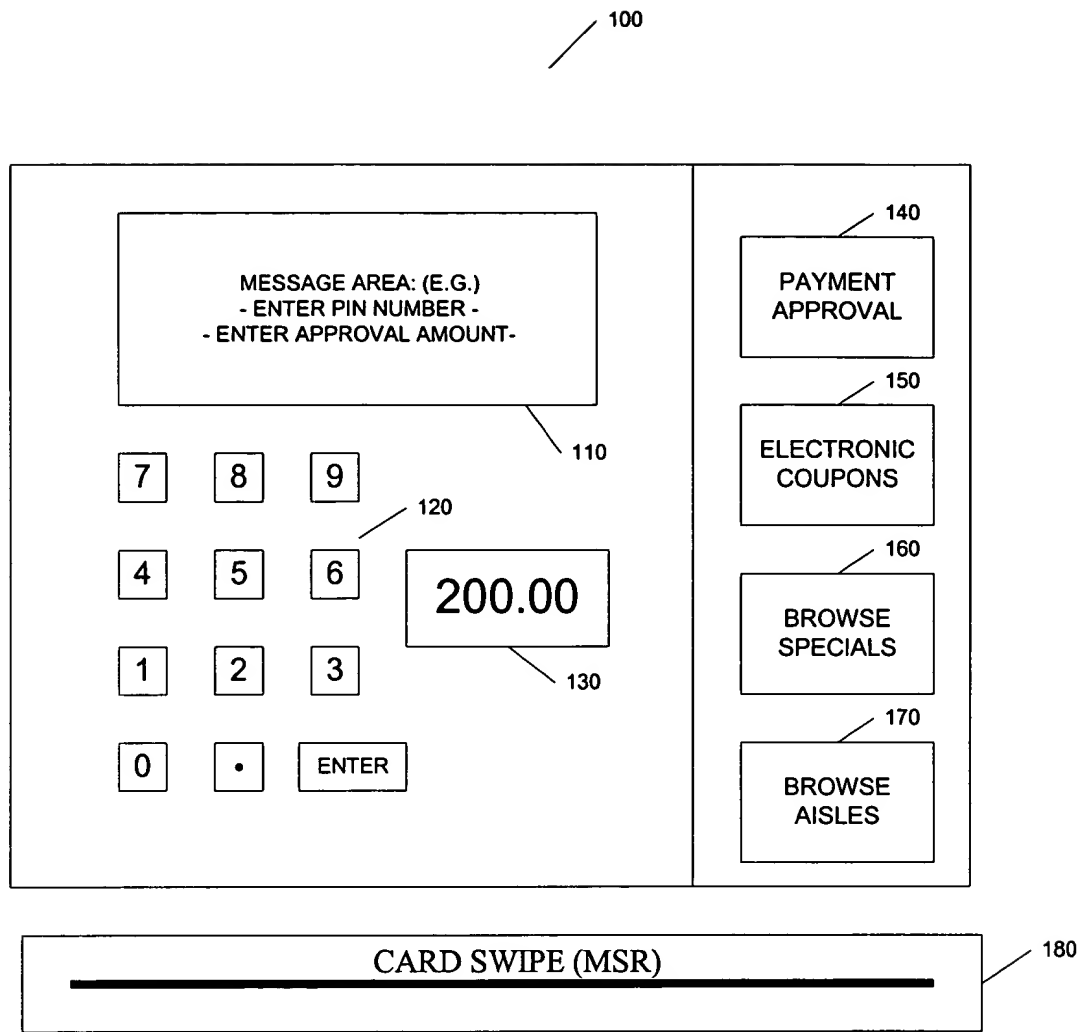


FIG. 2



FIG. 3

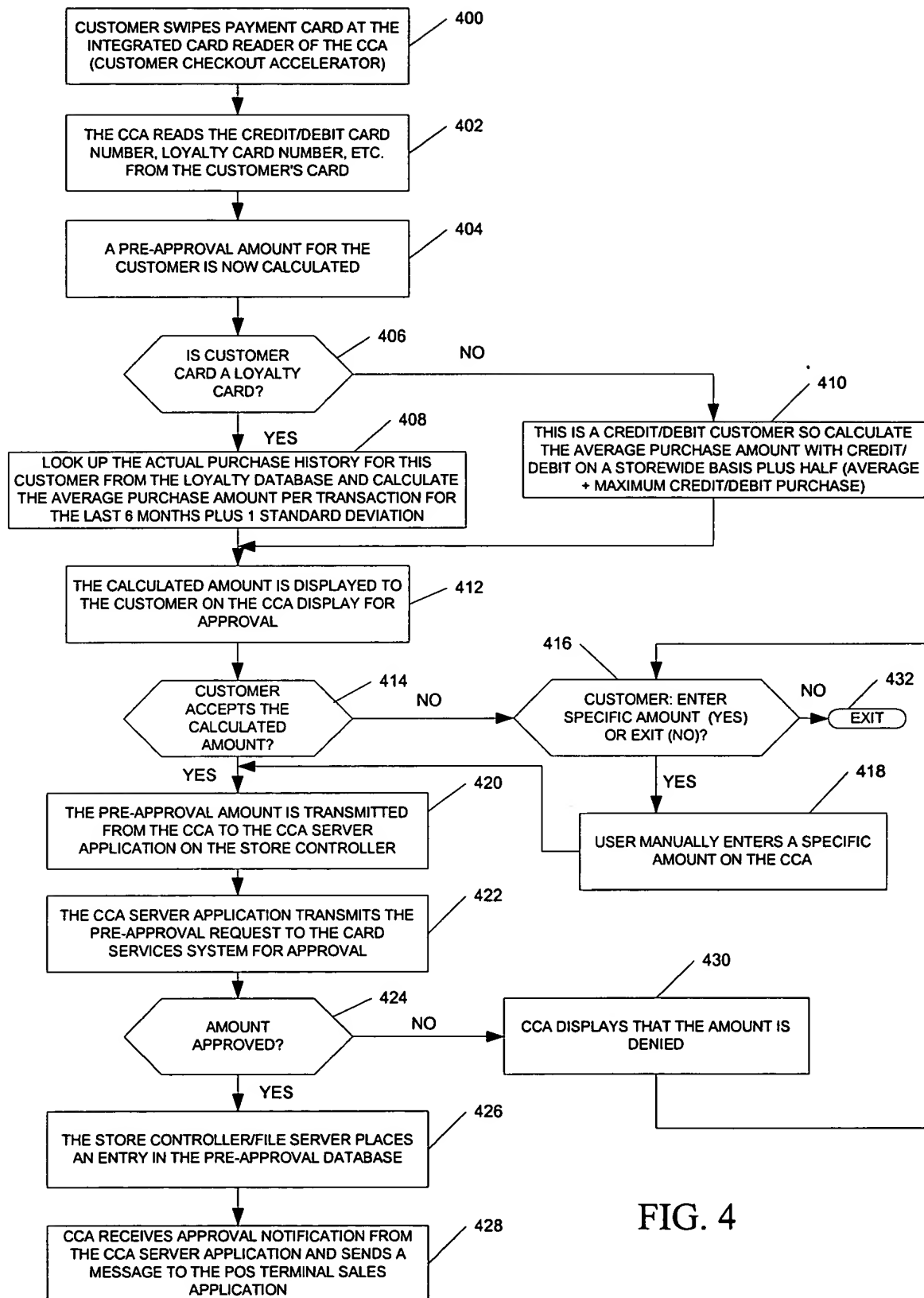


FIG. 4

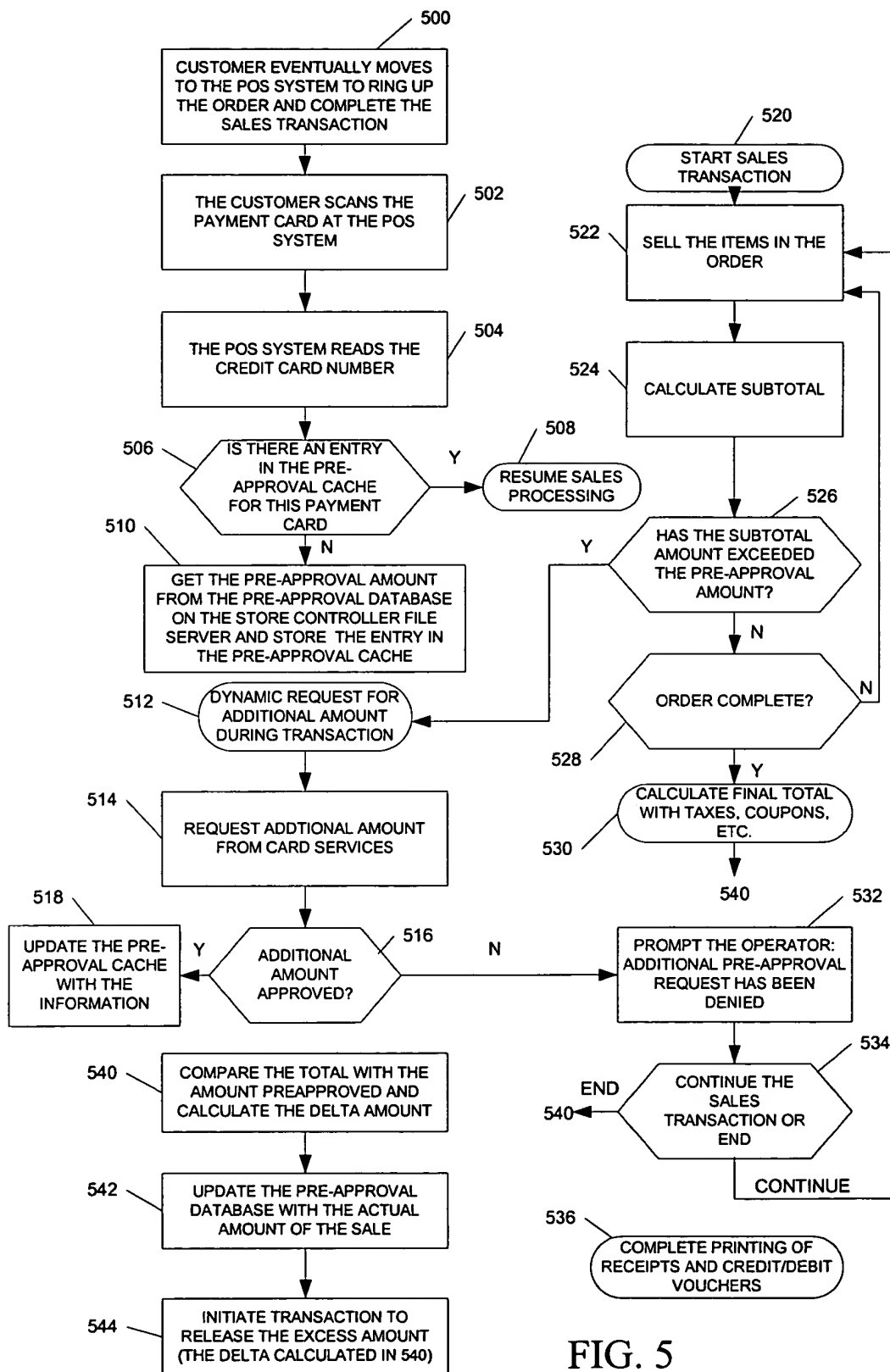


FIG. 5

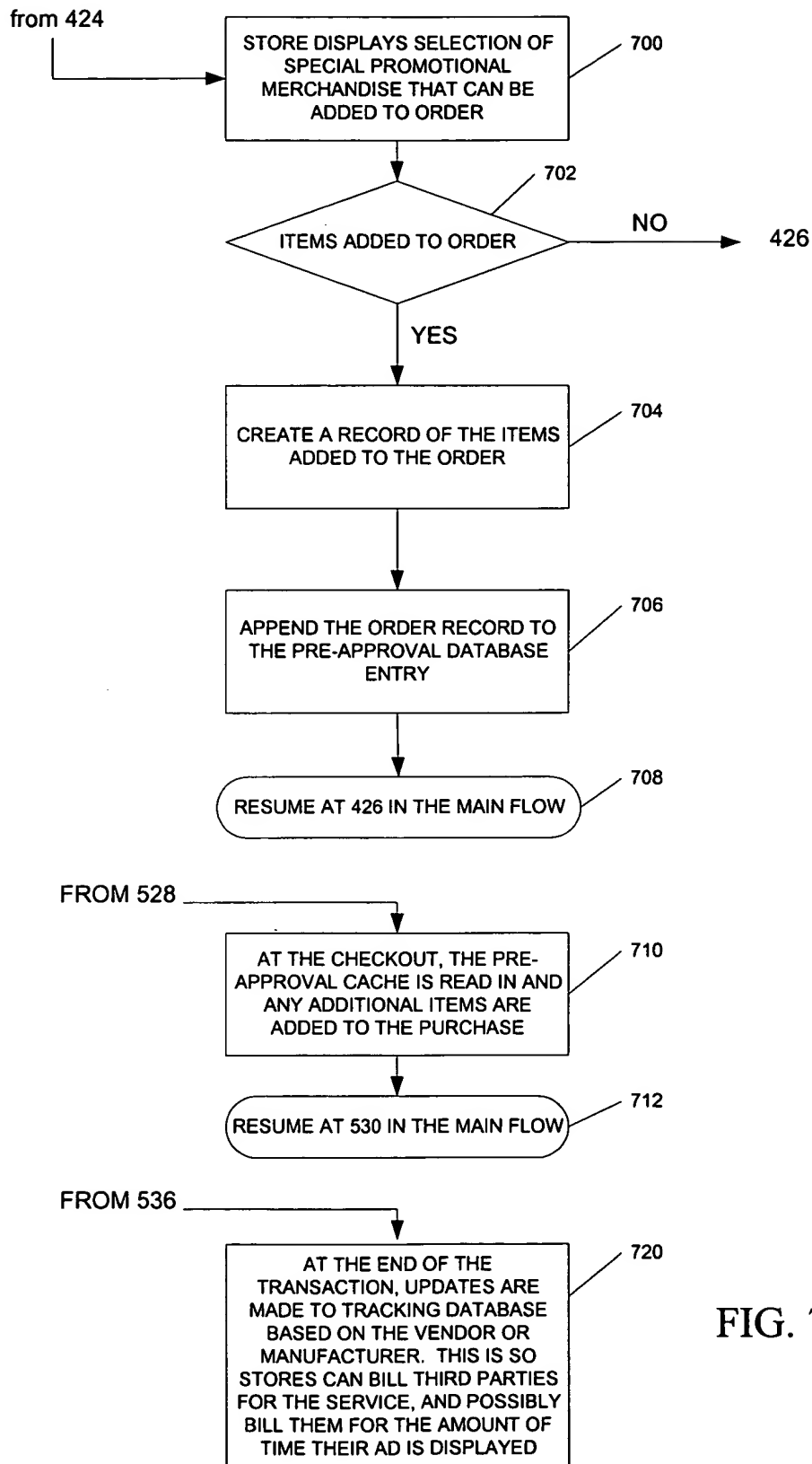


FIG. 7

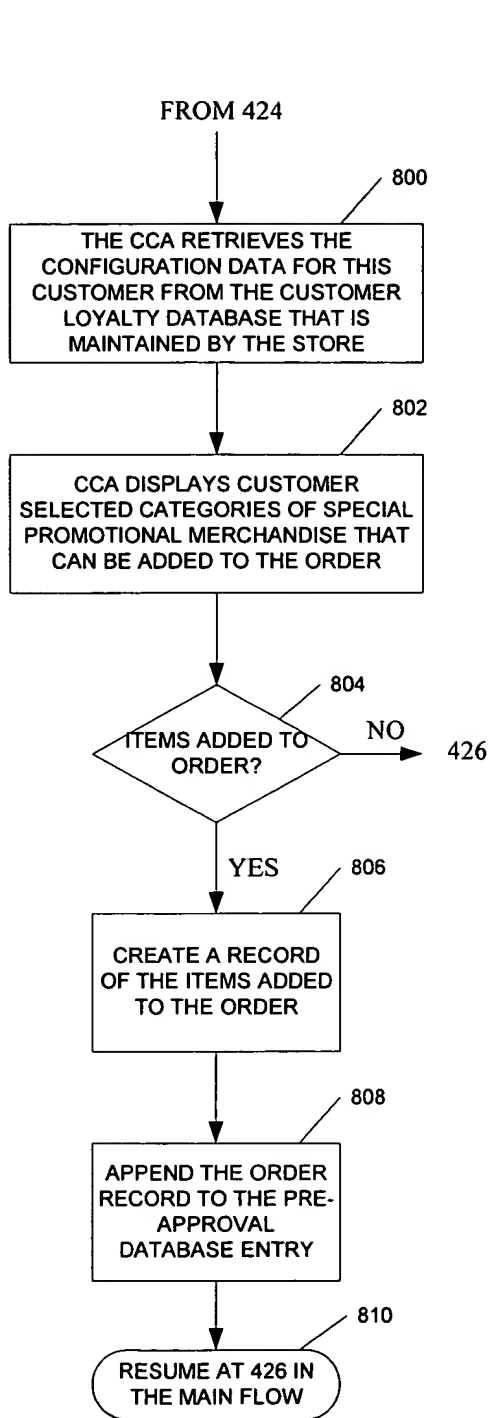


FIG. 8

